

FIG. 1

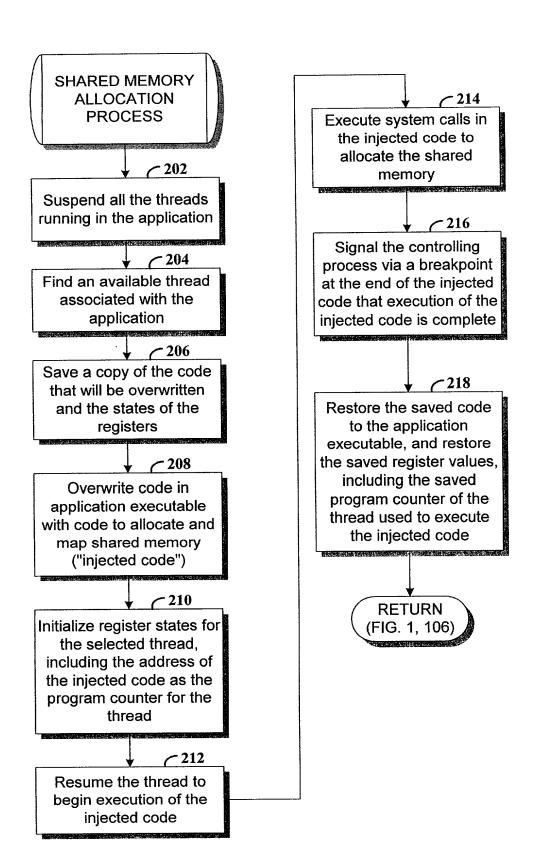


FIG. 2A

| executable<br>instrumentation<br>program<br><u>302</u> | executable application  306 |
|--|-----------------------------|
| instrumentation memory  304                            |                             |
|  | application memory          |
|  | <u>308</u>                  |

## FIG. 2B

| executable<br>instrumentation<br>program              | executable application 306                       |
|---|--|
| <u>302</u>  | code to allocate and map<br>shared memory<br>312 |
| instrumentation memory 304                            | <u>—</u>   |
| saved segment of code from executable application 310 | application memory  308                          |
| shared memory  314                                    |  |

## FIG. 2C

| executable<br>instrumentation<br>program | executable application 306 |
|--|----------------------------|
| <u>302</u>                               |                            |
| instrumentation memory 304               | application memory  308    |
| shared memory  314                       |                            |

FIG. 2D

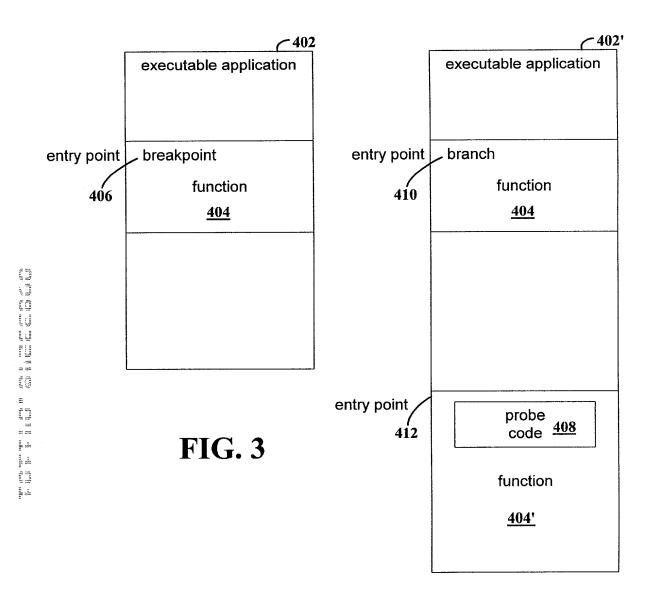


FIG. 4



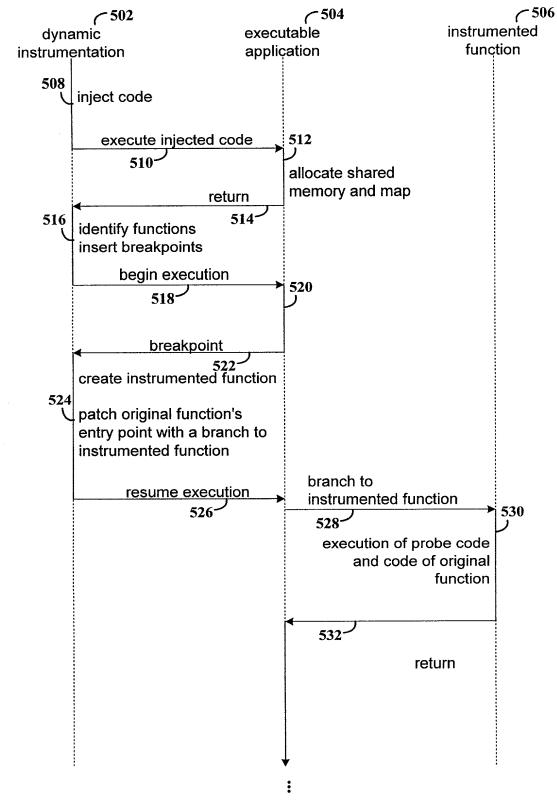


FIG. 5